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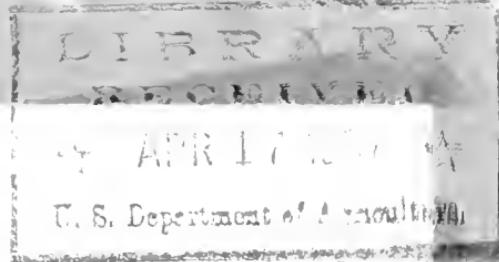
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1937-38



Gronen Daffodil Gardens Puyallup, Washington



U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Fruit and Vegetable Crops and Diseases

8-3591



Fine Bulbs for Fall Planting

It is a pleasure to again present my list of fine bulbs for the season of 1937-38.

Altho costs of production have increased the splendid growing conditions on Puget Sound again make it possible to make very substantial reductions in prices of many of the finer varieties.

No garden is complete without Daffodils as they occupy a place all their own in the seasonable galaxy of flowers. Their adaptability to almost any condition of soil or climate insures a profusion of bloom without much effort, and may be extended over nearly two months by a selection of the earlier, medium and late varieties.

All varieties of Daffodils, Narcissus and Dutch Iris listed herein are very hardy and will withstand the severe winters of the northern states if reasonable attention is given to cultural directions.

We make every effort and spare neither time nor expense to maintain clean, disease free cultures and ship only the highest grade of bulbs. Their vigor has not been depleted by promiscuous cutting of flowers as we offer no flowers for sale.

Prices quoted herein are for FIRST SIZE, DOUBLE NOSE BULBS: I ship no other grade.

GUARANTEED:—I guarantee all bulbs true to name, free from disease or pests and to arrive in good condition, and will gladly replace same if they do not give complete satisfaction. Naturally I expect customers to follow directions and give the bulbs reasonable care.

In case of mistakes or complaints of any kind please advise me immediately on receipt of shipment.

Terms and Delivery

TERMS: Cash with order for immediate delivery. Write for special prices on larger quantities for naturalizing. No orders accepted for less than \$1.00.

DELIVERY: By insured parcel post or express Prepaid anywhere within the United States.

PLEASE ORDER BEFORE AUGUST 15th if possible and not later than September 20th, as these rare varieties cannot be held out of the ground later than October 1. Orders are filled as soon as received, beginning in August, subject to crop conditions and prior orders.

GRONEN DAFFODIL GARDENS

HAMILTON F. GRONEN

Puyallup

Washington

1937-1938

ALL DOUBLE NOSE BULBS

PUGET SOUND GROWN

Narcissus - Daffodils - Jonquils

Note: P—perianth; T—trumpet; C—Cup;
E—early; M—medium; L—late.

Yellow Trumpet Daffodils

	Postpaid Each 3 Bulbs
Aerolite. P, deep primrose overlapping; T, darker and frilled. Long lasting. E....	\$.20 \$.50
Diotima. P, golden star shaped; T, darker frilled. Enormous flower of great substance. First award 1931. E.....	4.00
Duchanel. P, brilliant yellow overlapping; T, very large golden frilled. M.....	.60 1.60
Emperor. P, primrose; T, large yellow. L. Doz. \$1.30	.... .40
Giant Killer. P, pale yellow overlapping; T, large golden frilled. M.....	.40 1.00
King Alfred. P. and T. Uniform golden yellow. E. Doz. \$1.60	.... .50
Mac Mahon. P. and T. Deep golden with metallic sheen. Long graceful stems, an exceptional flower. E.	4.00
Mustapha. P and T, uniform deep golden yellow. Excellent form, long stems. E.	.40 1.00
Warwick. P and T, deep golden, open trumpet, long stems. L. .....	.40 1.00

White Trumpet Daffodils

Jungfrau. P, creamy white; T, pale primrose, with waxy texture, very tall. M.	.30 .80
La Vestale. P and T, uniform ivory white. Very refined and lasting. E. ....	.30 .80
Lovenest. P, ivory white overlapping; T, white edged shell pink, remarkable substance. E.	1.25 3.50
Mrs. Krelage. P, white; T, large ivory frilled. M. ....	.30 .80
Mrs. R. O. Backhouse. "The pink daffodil." P, creamy white overlapping; T, shell pink with dark frill. M.	4.00

Bi-Color Trumpet Daffodils

Atropos. P, large white star shaped; T, long straight lemon yellow. Long stems. M. ....	.80 2.00
Cennedy. P, creamy white; T, very large golden frilled. M. ....	.40 1.00
Jefta. P, creamy white; T, lemon yellow changing to waxy. Very long stem. E.	.40 1.00
Robert E. Lee. P, pale citron; T, frilled lemon yellow, two inches across. A magnificent giant bi-color. M.	6.00
Van Waveren's Giant. P, primrose; T, broad golden frilled. Very graceful. M. doz. \$2	.25 .60

ALL DOUBLE NOSE BULBS

PUGET SOUND GROWN

Narcissus Incomparabilis

Postpaid

Each 3 Bulbs

Balisand. P, white star shaped; C, light orange. M.	\$.60	\$1.60
Bernadino. P, creamy white; C, yellow edged orange. M.... Doz. \$1.50	....	.50
Croesns. P, cream yellow; C, broad rich orange fluted. Very popular and free-flowering. M. ....	.25	.60
Donatello. P, light primrose, overlapping petals; T, deep golden yellow, ruffled and frilled. M. ....	.25	.65
Francesca Drake. P, pure white reflexed, tinted gold at base; C, flame orange, densely frilled. M.	1.40	4.00
Gallipoli. P, citron yellow; C orange with flaming frill. Very decorative. L.....	.60	1.70
Gladiator. P, white star shaped; C, golden yellow with deep scarlet frill. Fine form, brilliant color. L	3.00	...
Jester. P, creamy yellow; C, yellow, orange margin and with occasional fillips; a very attractive novelty. E.....	.25	.60
John Evelyn. P, broad creamy white; C, broad orange-apricot, with triple frill. Exhibition flower. M.	1.00	2.75
Mi-Careme. P, cream yellow overlapping; C, large clear frilled golden. Very long stems. M. ....	.40	1.10
Michigan. P, cream white overlapping; C, wide deep orange-red. Attractive novelty. M. ....	.35	1.00
Milford-Haven. P, cream white overlapping; C, golden yellow, deep orange frill. "The perfect flower." M.	1.40	4.00
Red Cross. P, large primrose-yellow; C, deep golden with dense orange frill. Very substantial. M.	1.50	...
Red Eye. P, creamy white overlapping; C, deep orange, heavily frilled. M.	3.00	...
Stella Pratt. P, star shaped light primrose; C, deep yellow shading to orange. Very long stems. M. ....	.40	1.10
Tampa. P, cream yellow; C, deep orange, frilled. M. ....	.80	2.00
Tagore. P, light primrose; C, clear golden orange. Beautiful form and coloring. M.	3.00	...
Will Scarlet. P, white star shaped; C, yellow with orange-scarlet edge. M. Doz. \$1.50	....	.50
Yeka. P, large citron yellow; C, wide deep golden yellow frilled. Extremely long stems and very lasting. M. ....	.50	1.30

ALL DOUBLE NOSE BULBS

PUGET SOUND GROWN

Narcissus Barrii

Postpaid
Each 3 Bulbs

Alcibiades. P, cream white; C, orange frill, tall and showy. Very late	\$.60	\$ 1.60
Alcida. P, creamy white star; C, beautiful citron blood orange frill. M. ....	.40	1.10
Anna Croft. P, cream white broad over- lapping; C, sulphur yellow, deep orange fringe, tall and stately. M. ....	.80	2.00
Diana Kasner. P, pure white large over- lapping; C, chrome yellow fluted, blood red frill. Robust grower, fine stems, very lasting. M. Doz.	\$ 1.50	.50
Dosoris. P, pure white overlapping; C, frilled red, duo-flowered. Free bloom- ing. L. ....	.25	.65
Eyebright. P, cream, star shaped; C, flat, edged oriental red. M.	3.00	...
Firetail. P, cream white overlapping. C, deep scarlet frilled. M. ....	.35	1.00
Freifrau. P, pure white overlapping; C, flat orange with deep red fringe. L...	.80	2.25
Fleur. P, reflexed pure white; C, citron edged orange-red deeply frilled. M...	2.00	...
Lady Moore. P, pure white; overlapping; C, yellow with orange rim. L. doz.	\$ 1.50	.40
Mayblossom. P, pure white overlapping; C, yellow with red picotee, very beautiful, good stems. L. ....	.80	2.20
Mrs. Barclay. P, cream white overlapping; C, flat frilled orange rim. M. ....	.50	1.30
Nannie Nunn. P, creamy white overlap- ping; C, vivid orange scarlet. Very fine, free blooming. L. Doz.	\$ 1.50	.50
Nursemaid. P, white overlapping; C, fiery orange to scarlet frilled, fine novelty. L. Doz.	\$ 3.00	.40
Salembo. P, very broad pure white, each petal tip with spur, four inches across; C, glowing orange slightly frilled, unique coloring. M.	4.00	...
Shackleton. P, large pure white; reflexed; C, broad flat chrome yellow, shading to brilliant orange-scarlet. A superb flower. L.	1.50	4.00
Sunrise. P, white with apricot sunrays; C, orange with scarlet margin. Very attractive. E. ....	.25	.65

ALL DOUBLE NOSE BULBS

PUGET SOUND GROWN

Narcissus Leedssii

Postpaid
Each 3 Bulbs

Arion. P, pure white overlapping; C, pale yellow tinted orange. Very dainty. M.	\$.25	\$.60
Gertie Millar. P, pure white; C, pale primrose, deeply fluted and frilled of translucent texture. A giant leedssii of magnificent form. M.	1.50	...
Hera. P, pure white overlapping; C, pale yellow with slightly greenish base, fluted. Very chaste. L.	Doz. \$1.50	.50
Lord Kitchener. P, broad pure white; C, clear lemon yellow. Fine for naturalizing. E.	Doz. \$1.50	.50
Mrs. Nettie O'Melveny. P, pure white; C, clear lemon with orange picotee. A dancing daffodil, graceful stems. M...	.25	.65
Radio. P, pure white overlapping; C, wide-open, frilled, and striped white and yellow. A most unusual and handsome flower. M.	4.00	...
Silver Star. P, cream white star shaped. T, light primrose changing to waxen ivory. Extra fine and free-flowering. M....	.35	1.00

Narcissus Triandrus Hybrids

These Triandrus Hybrids are very sturdy, free-flowering varieties. They are all drooping, very dainty and bear one to three flowers on each stem, and are strongly recommended for rock gardens and naturalizing.

Agnes Harvey. P, pure white self color; C, sometimes flushed apricot. Very charming. E. ....	.25	.65
Moonshine. P, and C, waxen white, star shaped. Fine rock plant. L. ....	.60	1.60
Pearly Queen. P, creamy white star shaped; C, Ivory-yellow with pearl-like flush. L. ....	.50	1.40
Mrs. Alfred Pearson. P, dainty white star shaped; C, pale primrose. M. ....	.40	1.10
Thalia. The orchid flowered daffodil. Three or four pure white flowers to stem. Very dainty and especially charming for rock gardens. M. ....	.30	.80

ALL DOUBLE NOSE BULBS

PUGET SOUND GROWN

Narcissus Jonquilla and Jonquil Hybrids

This group contains some very fine varieties suitable for cut flowers and general garden purposes. They all have wonderful rich coloring, bloom early, bearing clusters of small flowers with true jonquil fragrance.

Postpaid

Each 3 Bulbs

Buttercup. P, Buttercup yellow, straight yellow cups.	Doz. \$1.50	\$..	\$.50
General Pershing. P and T, purest jonquil gold. A giant jonquil with long graceful foliage. Attractive novelty. M.	4.00		
Golden Sceptre. P and T, deep golden yellow. Very attractive free-blooming and long-lasting, both in the garden and as cut flowers. E.	Doz. \$1.50	....	.50
Lady Hillingdon. A fine companion for Golden Sceptre, blooming earlier. P, clear yellow; C, deep golden. A lovely flower on tall stems and ideal for cutting and garden display. E. ....	.60	1.60	
Rugulosus Maximus, single. A tiny golden daffodil with pointed grass-like foliage; usually two or three blooms on a stem, and very fragrant. E.	Doz. \$1.50	....	.50
Rugulosus Plenus. The double form of campernelle, two or three double all yellow flowers per stem and very fragrant. E.	Doz. \$1.50	....	.50

Narcissus Poetaz

This group flower freely, multiply rapidly and bear clusters of large well formed flowers, deliciously fragrant.

Abundance. P, light yellow; C, golden. E.	Doz. \$1.50	....	.50
Cheerfulness. A fine double white poetaz. P, creamy white; C, creamy yellow, making a distinct rosette in the center of each flower; three or four flowers per stem. E. ....	.30	.80	
Glorious. P, pure white broad overlapping; C, brilliant scarlet. Free-flowering. Finest poetaz in cultivation. M.	2.00	...	
Laurens Koster. P, cream-white; C, yellow. Usually five to twelve flowers per stem. Doz. \$1.20	....	.35	

Narcissus Poeticus

All narcissi in this group have snowy-white perianths with a small flat crown of yellow, scarlet or crimson. All are sweetly scented with the true narcissus perfume.

Edwina. P, pure white overlapping; C, very flat edged red, fine form, fragrant. M. ....	.40	1.10	
Laureate. P, snow-white; C, orange and red rim. E. ....	.20	.50	
Snow King. P, broad overlapping pure white; C, fiery red. Free-blooming and very fragrant. The finest poeticus in existence. L.	1.50	4.00	

PUGET SOUND GROWN

Double Daffodils

The following list comprises an entirely new class of doubles, very different and more beautiful than the old ordinary doubles. The color combinations are striking and all are quite fragrant. They are all robust growers and have fine stems.

Postpaid
Each 3 Bulbs

Argent. Creamy white and lemon yellow petals. Free-flowering and fragrant.	
M.	Doz. \$1.50
\$	\$.50
Daphne. Pure white sweet scented, large double flowers. The most promising novelty.	E.
	3.00

Mary Copeland. Pure white and bright scarlet petals. The most striking double in cultivation.	M.
	3.00

Moulin Rouge. Very lovely, long primrose petals, shading to cream, with shorter deep orange petals intermixed, backed by citron-yellow perianth. A tri-color.	M.
	4.00

The Pearl. Semi-double with creamy white petals interspersed with sulphur yellow, deeper at the center; very charming.	M.
	.25
	.60
Texas. Very large full double, golden yellow and deep orange petals in alternate layers. Four inches in diameter. Very robust.	M.
	6.00

Twink. Cream-yellow and bright orange petals. Very attractive. Long stems and free-blooming. An exceptional show flower.	E.
	Doz. \$3.00
	.30
	.80

Special Collection of Outstanding Novelties

3 King Alfred	
3 Van Waveren's Giant	
3 Diana Kasner	
3 Lady Moore	
3 Nannie Nunn	
3 Nursemaid	
3 Lord Kitchener	
3 Golden Sceptre	
3 Twink.	
Total Value	\$5.30
Special price, three of each.....	\$4.50

ALL DOUBLE NOSE BULBS

The New Dutch Iris (Bulbous)

This very distinctive group is of recent origin. The flowers are superior in substance, color and brilliancy to the old Spanish types, and are much earlier. The following list contains a wide range of colors, mostly in pastel shades and as delicate in appearance as orchids, but much more lasting, as they keep for over a week as cut flowers, and have a range of over six weeks in the garden. Although they need some protection in extreme climates, they seem to do very well as far north as New York. (Figures shown after name indicate average length of stem.)

	Postpaid Per Doz.
Adrian Backer. 20". Uniform purple lilac, good form and substance. E.....	\$1.00
Frans Decker. 26". Standards and falls pure white. A very beautiful variety. E.	2.50
Imperator. 22". Fine uniform blue, large robust grower; fine for garden and forcing. L .....	.60
Jan Weenix. 30". Standards and falls soft lavender blue. An extra fine variety. M.	1.50
J. W. de Wilde. 28". Standards yellow, falls golden yellow; one of the best yellows. M.	1.20
Leonardo Da Vinci. 28". Standards creamy white, falls canary yellow with orange stripe. Very large. M.	1.20
S. Van Ruysdael. 23". Standards violet-purple, falls violet-blue, unique and very effective. M.	1.60
Therese Schwartz. 24". Standards corn flower blue, falls pure white with narrow orange strip, excellent cut flower. M.	1.20
Vander Helst. 22". Standards canary yellow, falls golden yellow, very early....	.80
White Excelsior. 22". Uniform pure white falls very broad, the best medium priced white. M. ....	.80
Indian Chief. 23". Standards violet tinged with bronze, falls bronze. Excellent novelty. L.	2.50

The above prices are for FIRST SIZE flowering bulbs. Six bulbs at the dozen price, no orders accepted for less than six bulbs of any one variety.

Cultural Directions

(Read Carefully)

All narcissii should be planted in September or early October for best results. Early planting makes good root growth and stores up food energy to produce fine flowers. Many failures are due to late planting.

Most soils are adaptable to garden culture of daffodils and bulbous iris if well drained and not too heavy, in which case the addition of a little sand and leaf mold or ground peat is very beneficial.

The soil should be prepared by very deep spading and should be moist and kept moist, but not wet, in the fall and spring.

Avoid manure; bone meal is the best fertilizer and should be mixed freely in the soil **below** bulbs when planting.

Plant NARCISSII 6 to 8 inches apart and deep enough so that the tips of bulbs are at least 5 inches below the surface. Very large bulbs may be planted deeper and will do better.

In the colder climates a good mulch of straw, leaves or ground peat is helpful; the straw or leaves should be removed or spread apart in the spring when foliage appears. Peat may be left undisturbed and is a very beneficial addition to any soil.

In the warmer climates they are very grateful for a partially shaded cool peaty soil where they will grow happily for years, and the blossoms will hold their color and texture much longer.

The above directions also apply to bulbous Iris except that it is well to with-hold planting until late October as they grow very rapidly in the fall and the foliage would then freeze down in winter. They also should be well mulched in cold climates.

Most of these bulbs do well if left two or three years without lifting. The proper time to dig is when foliage has turned yellow but not completely dried up. Store bulbs in a cool, well ventilated place for two or three weeks at which time the mature, well developed slabs may be carefully removed. Never break off slabs that adhere tightly to the mother bulb.

Never plant a bulb that is diseased or even partly decayed as they are of no value and a menace to your sound bulbs.

If you get quality bulbs to start with and follow the above directions carefully you will be bountifully rewarded.

ORDERS should reach me not later than September 1st, and will be shipped at once in the order received. Therefore **ORDER EARLY**, preferably in July or August as most stocks are limited. I cannot ship after October 1st, except on orders held for future delivery, and then at purchaser's risk.

HAMILTON F. GRONEN
PUYALLUP, WASHINGTON

ALL DOUBLE NOSE BULBS